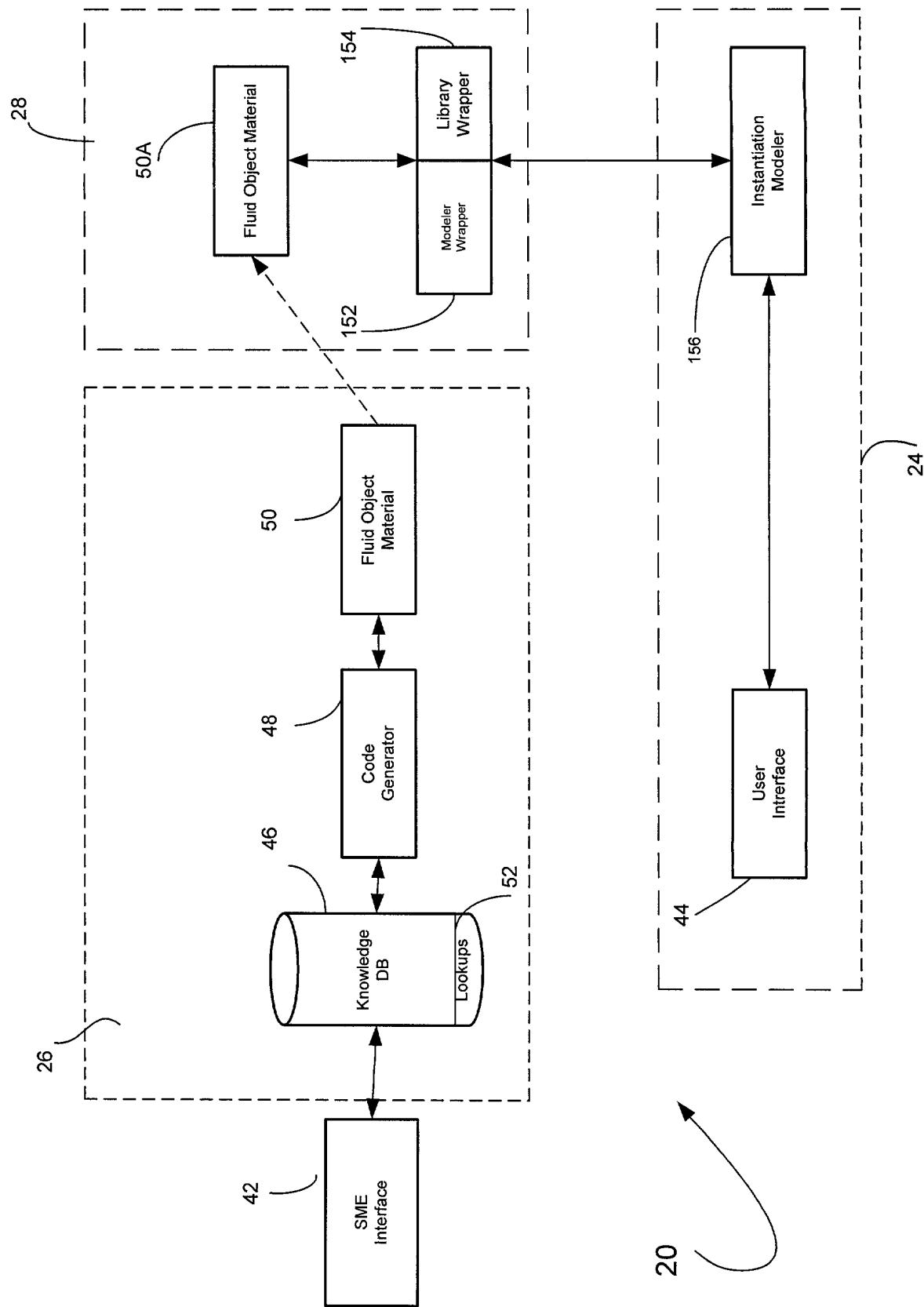


Fig. 1



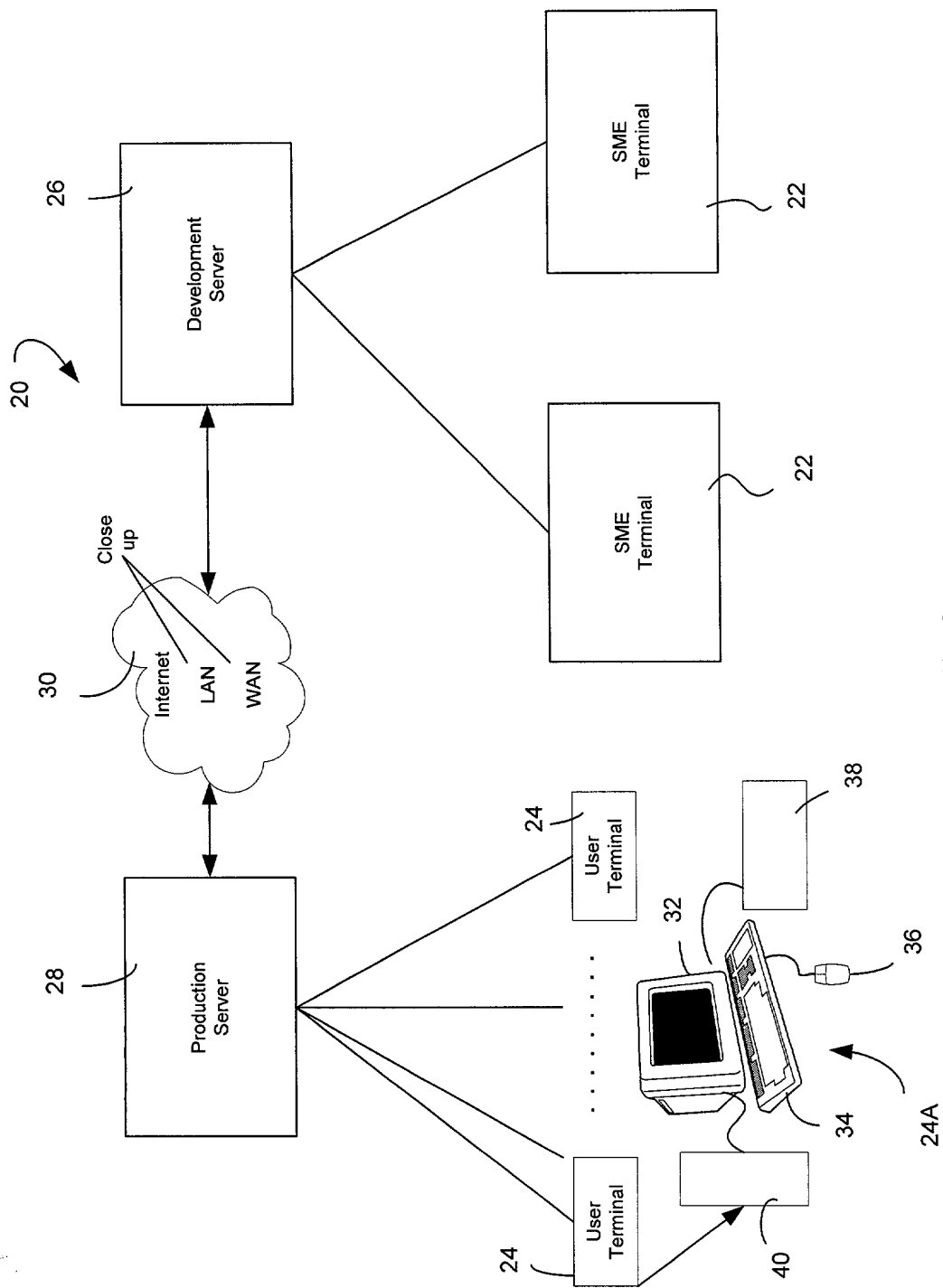


Fig. 2

Fig. 3

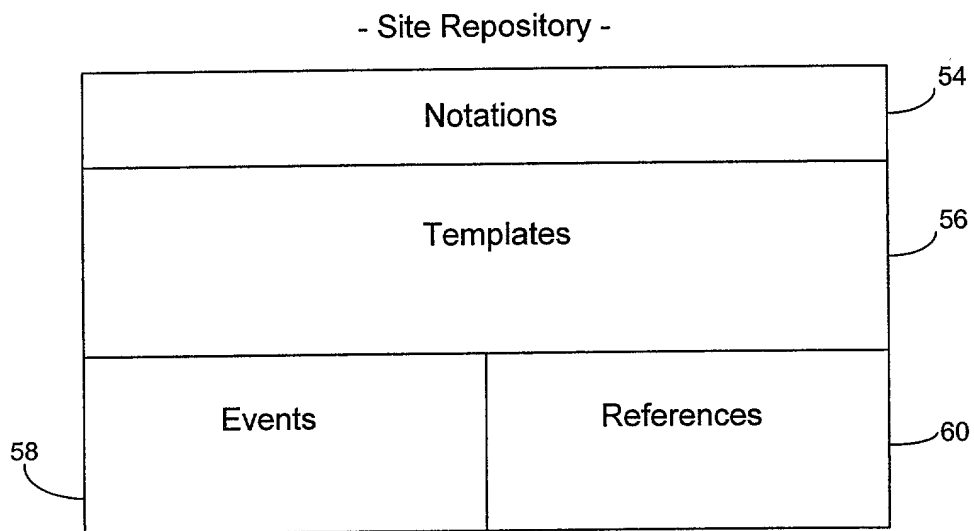
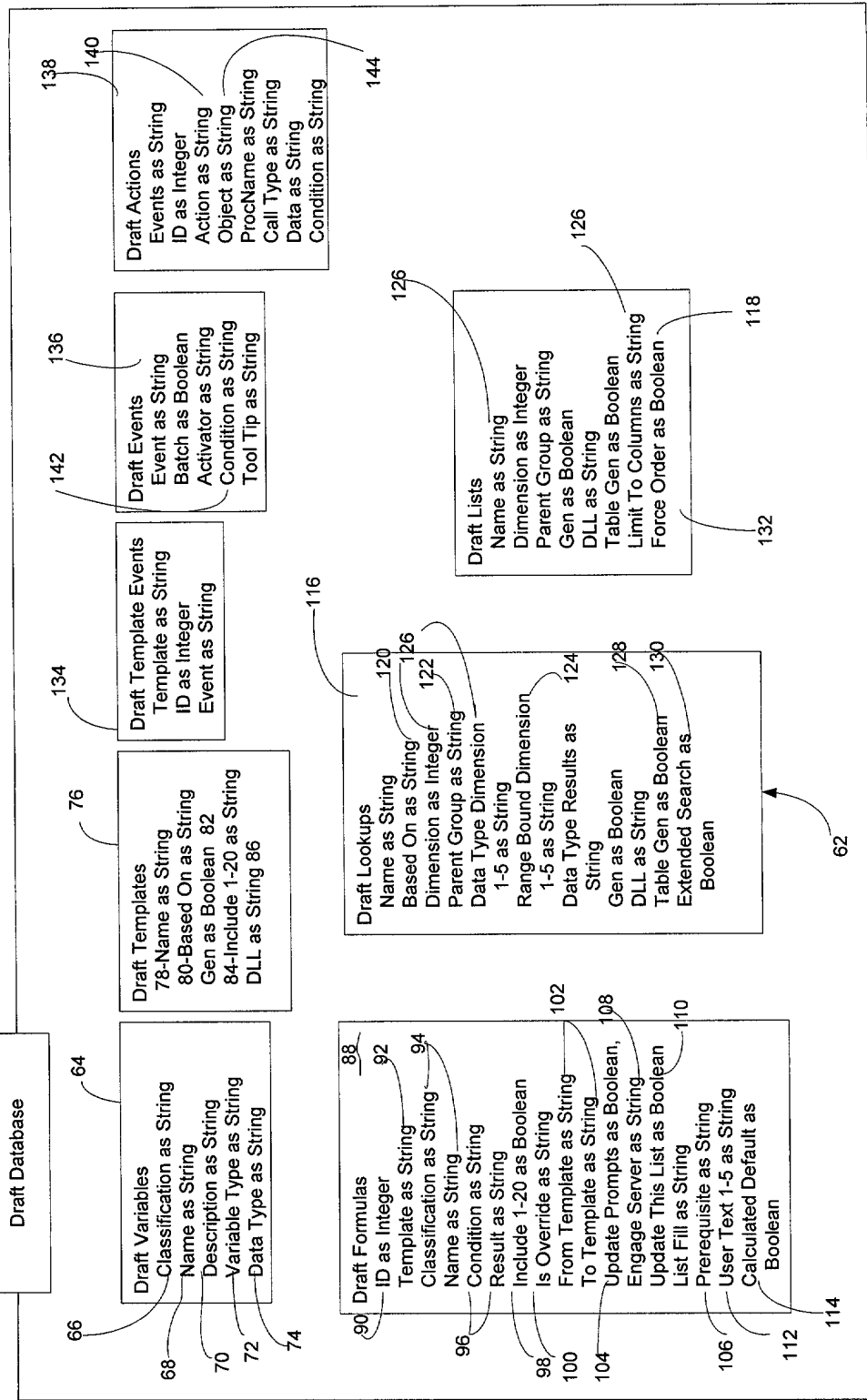


Fig. 4

# Database Model -

(FOM)<sup>1</sup>



## 50

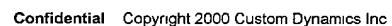


Fig. 6

# Object Model - Fluid Object Material (FOM)<sup>3</sup>

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Modeler (into cdModeler ref cdLibrary, cdModelerWrapper, cdLibrary Wrapper - On Client)

Working Models  
Key as Long  
Notes as Atoms  
Get Maps  
Get Buckets (Template Number as Integer)  
Create Model (Template as String, Opt Quantity as Integer)  
Remove Model (Number as Long, Opt To End as Boolean)  
Reconcile (Number as Long, From Template as String)

Model  
Key as Long  
Name as String  
Template Number as Integer  
Entries as Notations  
Results as Notations  
Events as User Events  
Notes as Atoms  
Initialize Model  
Refresh Prompts (OptCurrentEntry as Integer)  
Refresh Results  
Perform Overrides  
Restore Default Values  
List From Array  
Array From List  
Process Events (How As String, Activator As String, User Identifier As String)  
Modeler Action (User Identifier As String, User Event As String, Action As String, Model  
Number As Long, Object As String, Proc Name As String, Call Type As String, Data As String)  
Action Complete (User Identifier As String, User Event As String, Action As String, Model  
Number As Long, Status Code As Long, Status Message As String)

## Notations

Notation  
Key as String  
Classification as String  
Name as String  
Processed Name as String  
Data Type as String  
Description as String  
Value as String  
Value Array as Atoms  
Bucket Mask as String  
Frame as String  
Is Override as String

Is Visible as Boolean  
Is Valid as Boolean  
From Template as String  
Update Prompts as Boolean  
Engage Server as String  
Update This List as Boolean  
List Fill as String  
Prerequisite as String  
Message as String  
Notes as Atoms

## User Events

User Event  
Key as String  
Activator as String  
Tool Tip as String  
Condition as String  
Has Condition as Boolean

User Action  
Key as String  
Action as String  
Object as String  
Proc Name as String  
Call Type as String  
Data as String  
Condition as String  
Has Condition as Boolean

## Template Maps

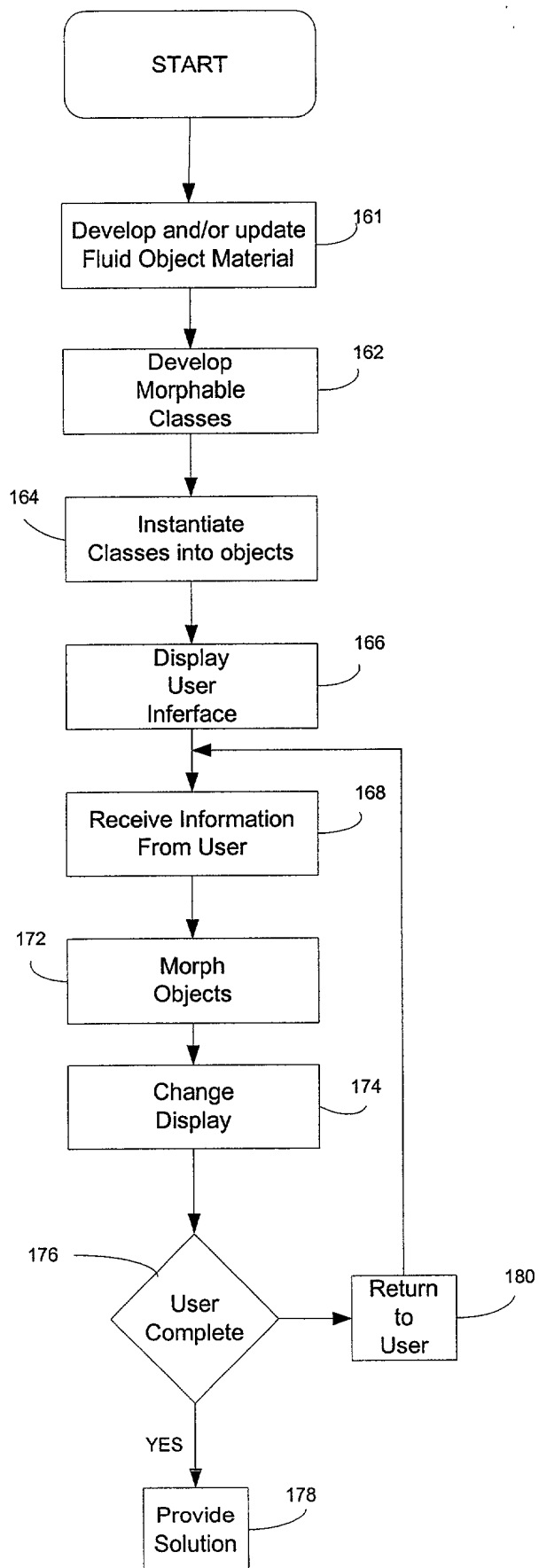
Template Map  
Key as String  
Buckets as Atoms  
DLL as String

## Atoms

Atom  
Key as String  
Op Value as String

Entry Objects (ref ADO, Inventory Objects, Customer Objects, Entry Server, cdLibrary, cdModeler)

Fig. 7



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**Draft Dynamics**  
File Edit View Layout Window Help

Model type: Result  
Classification: CAVdhdOI  
Date type: DD/MM  
Direction: Rat

**Locations - CAVdhdOI**

Class	Name	Parameter	Variable type	Initial type
CAVdhdOI	RadAtt	CA Width of	Result	Double
CAVdhdOI	RadCap	Width of end	Result	Double
CAVdhdOI	RadMid	CA Width of	Result	Double
CAVdhdOI	RadTop	CA Width of	Result	Double
CAVdhdOI	Shall	CA width of	Result	Double
CAVdhdOI	ShallEL	Width of end	Result	Double
CAVdhdOI	Shall	CA Width of	Result	Double
CAVdhdOI	ShallMid	CA Width of	Result	Double
CAVdhdOI	ShallRight	CA Width of	Result	Double
CAVdhdOI	Track	CA width of	Result	Double
CAVdhdOI	Valence	CA width of	Result	Double
CAVdhdOI	ValenceL	CA width of	Result	Double
CAVdhdOI	ValenceR	CA width of	Result	Double

**Result**

Class	Name	Parameter	Variable type	Initial type
CAVdhdOI	AdquatedDropOI			
CAVdhdOI	AdquatedWidthOI			
CAVdhdOI	AreaOI			
CAVdhdOI	Batch			
CAVdhdOI	CircumferenceOI			
CAVdhdOI	Color			
CAVdhdOI	ColorNameOI			
CAVdhdOI	ColorNumberOI			
CAVdhdOI	ColorOI			
CAVdhdOI	Credit			
CAVdhdOI	Customer			
CAVdhdOI	CutLengthOI			
CAVdhdOI	Distribue			
CAVdhdOI	FinishedLengthOI			
CAVdhdOI	FinishedWidthOI			
CAVdhdOI	IdentifierFe			

File Edit View Layout Window Help

Fig. 8

2006-03-20 10:00

202 802

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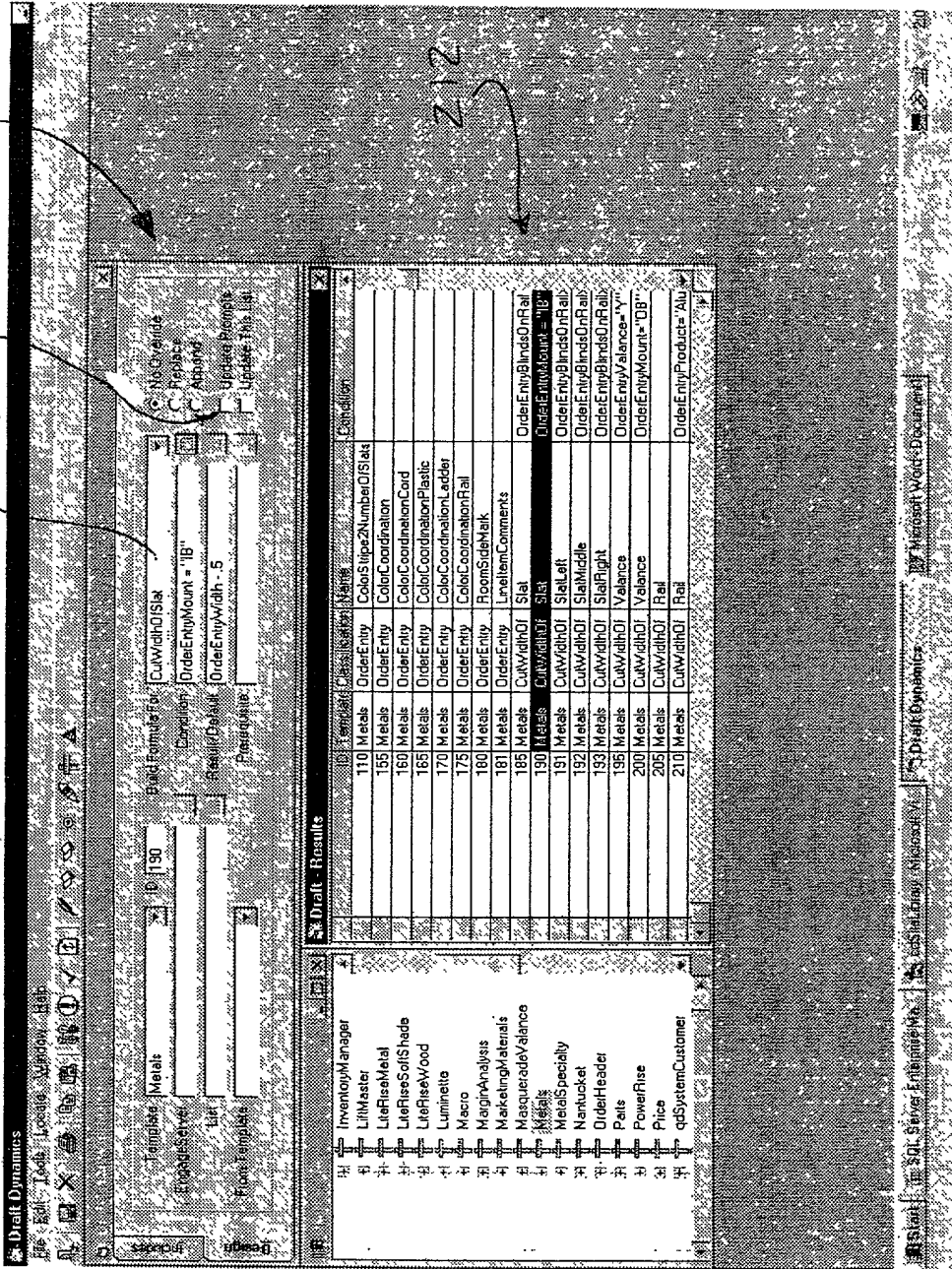
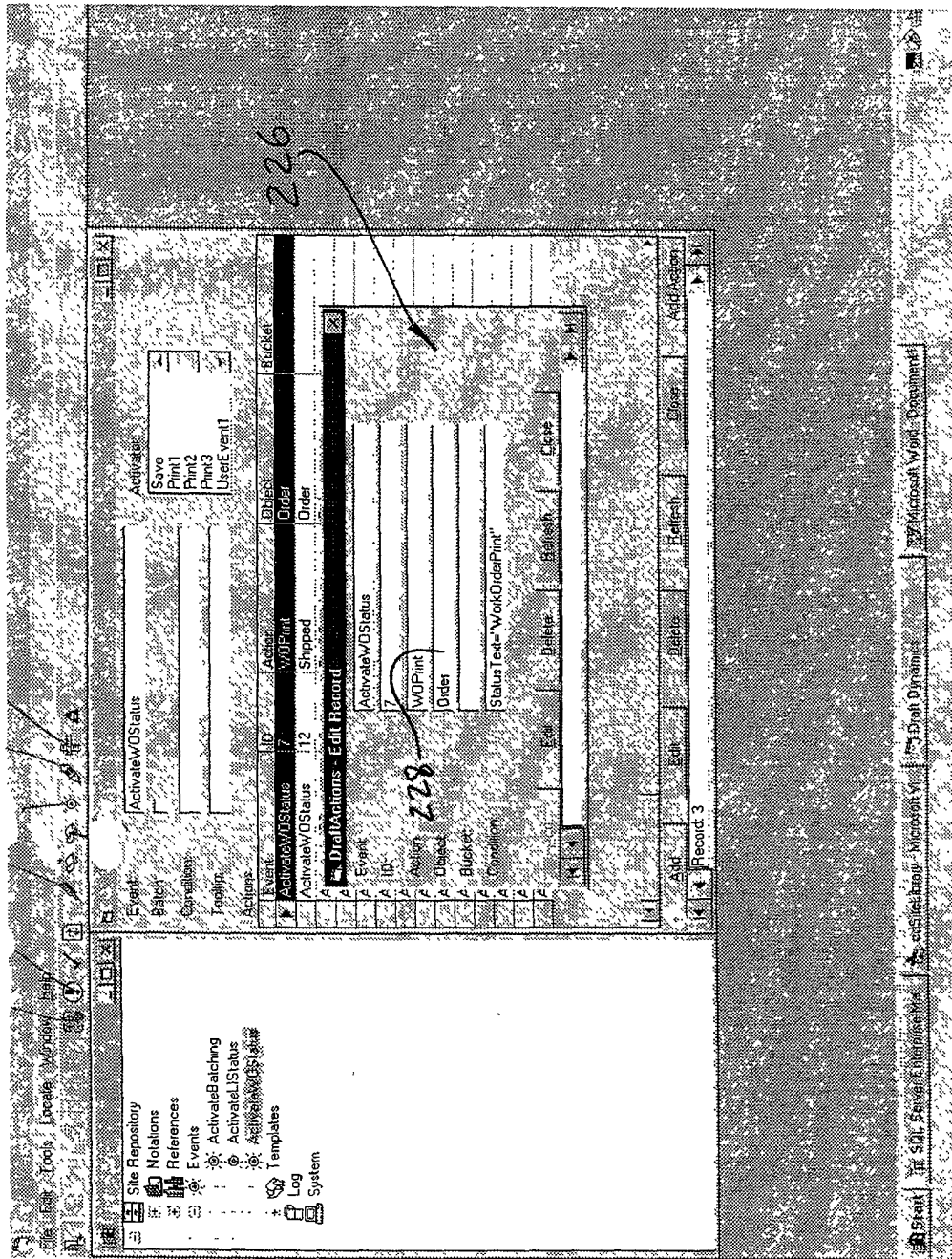




FIG. 10



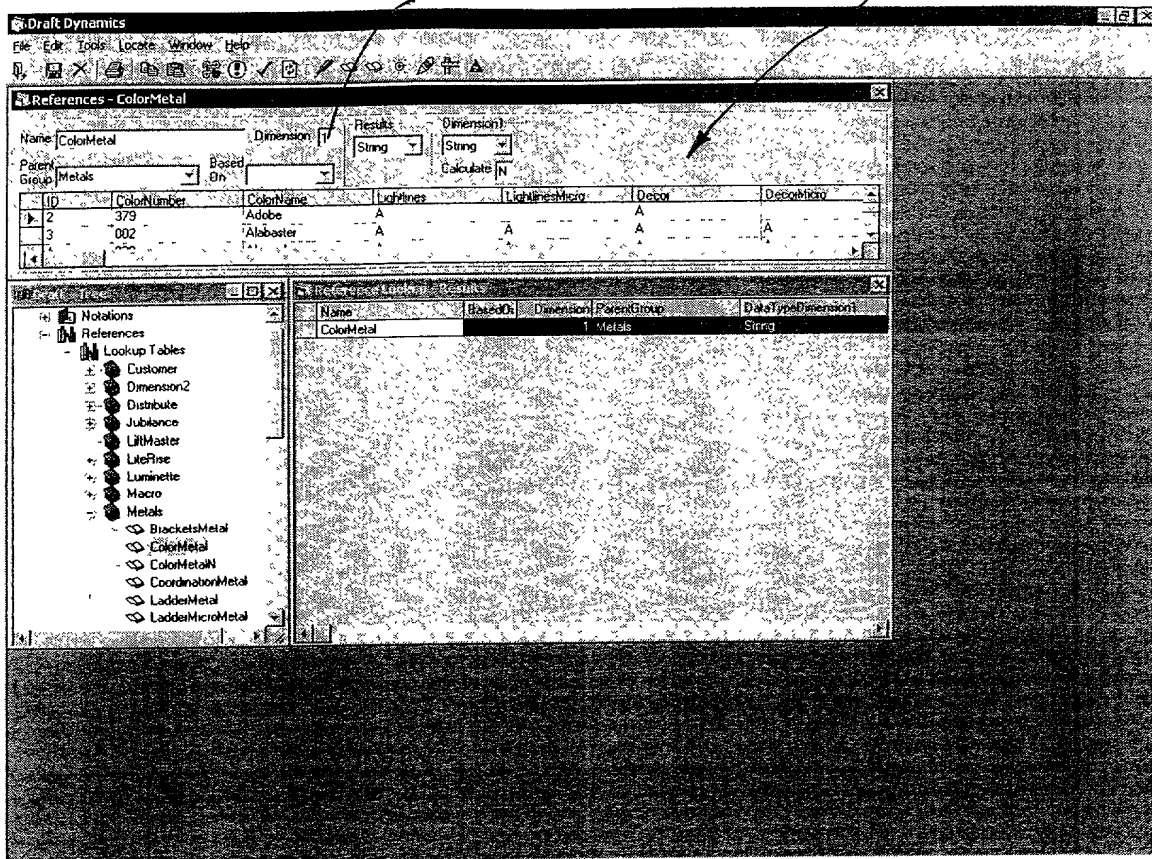


Fig. 12



[illegible]

13B



Customer Service

File Edit Navigate Actions Window Help

Date: 4/10/2001

WorkOrders From 2/9/2001 To 4/10/2001

Order 0

Customer: 1108 Add A Shade Ordered By: [ ] Fax: [ ]

Customer PO: [ ] Order Sidemark: [ ] Phone #: [402] 581 1817 Fax #: [ ]

Line Items

W/O	Qty	Product	Width	Depth	Mount	Color	Color Name	Sidemark
[Empty Table]								

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Item 1

Material: [Metal] Quantity: [ ] Drop: [6] Mount: [B] Rail: [L/R] Room Sidemark: [ ] Lineland Comments: [ ]

Product: [MetalPlan] Blind On/Off: [1] Color: [ ] Color Name: [ ] Width: [H711, H386, H728, H575, H603, H431, H869] Special Controls: [0] Special Care/Coat: [N] Hold Downs: [N] Space Blocks: [0] Externment Hooks: [N] Slits: [N] Overhead Pacing: [No] Color Condition: [Standard]

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Item Entry Values

Fig. 14B